

Boqian Li

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EDUCATION

Huazhong University of Science and Technology

B.Eng. in Electrical Engineering (Biomedical Engineering)

Wuhan, China

Sep 2020 – Jun 2025

- GPA: 4.52/5.0 | Average Score: 90.7
- Rank: 1/54

PUBLICATIONS

1. ETCH: Generalizing Body Fitting to Clothed Humans via Equivariant Tightness
Boqian Li, Haiwen Feng*, Zeyu Cai, Michael J. Black, Yuliang Xiu†. (* group lead, † corresponding author) *International Conference on Computer Vision (ICCV)* 2025 (**Highlight**).
2. GarmentDreamer: 3DGS Guided Garment Synthesis with Diverse Geometry and Texture Details
Boqian Li*, Xuan Li*, Ying Jiang*, Tianyi Xie, Feng Gao, Huamin Wang, Yin Yang, Chenfanfu Jiang. (*equal contribution) *International Conference on 3D Vision (3DV)* 2025.
3. UP2You: Fast Reconstruction of Yourself from Unconstrained Photo Collections
Zeyu Cai, Ziyang Li, Xiaoben Li, **Boqian Li**, Zeyu Wang, Zhenyu Zhang†, Yuliang Xiu†. († shared corresponding author) *arXiv* 2025.

EXPERIENCE

Geometry, Vision, and Learning (GVL) Lab at USC

Research Intern (Advisor: Yue Wang)

Los Angeles, USA

Oct 2025 – Present

- Research Topic: Vision-Language-Action (VLA) models

The University of Texas at Austin

Research Intern (Advisor: Qixing Huang, Georgios Pavlakos)

Austin, USA

Jul 2025 – Sep 2025

- Research Topic: Leveraging Video Model Priors for Enhanced 3D Human Motion Generation

Endless AI Lab at Westlake University

Research Intern (Advisor: Yuliang Xiu)

Hangzhou, China

Jul 2024 – May 2025

- Research Topic: 3D Human Pose Shape Estimation and Representation
- Publications: ETCH, UP2You

Artificial Intelligence & Visual Computing Lab at UCLA

Research Intern (Advisor: Chenfanfu Jiang, Yin Yang)

Los Angeles, USA

Nov 2023 – May 2024

- Research Topic: 3D Garment Synthesis, Diffusion-Based Generative Models, Texture Reconstruction, 3D Gaussian Splatting.
- Publication: GarmentDreamer

Cognitive Computing and Intelligent Information Processing Lab at HUST

Research Intern (Advisor: Wei Wei)

Wuhan, China

Sep 2022 – Feb 2023

- Research Topic: Debiased Visual Question Answering Model

HONORS & AWARDS

National Scholarship	Dec 2022
- <u>Top 0.2%</u> nationally, China's highest undergraduate scholarship	<i>Huazhong University of Science and Technology</i>
Outstanding Undergraduate	Apr 2022
- <u>Top 2%</u> in university	<i>Huazhong University of Science and Technology</i>
All-Round Excellence Student	Jan 2023
- <u>Top 5%</u> in university	<i>Huazhong University of Science and Technology</i>
All-Round Excellence Student	Dec 2021
- <u>Top 5%</u> in university	<i>Huazhong University of Science and Technology</i>
Academic Excellence Scholarship	Apr 2021
	<i>Huazhong University of Science and Technology</i>

TECHNICAL SKILLS

Languages: Python, C/C++, Matlab, C#

Libraries: Pytorch, TensorFlow, Scikit-Learn, OpenCV, Pandas, NumPy, Matplotlib